



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

De et al.

Application No.: 10/080,099

Confirmation No.: 2899

Filed: 2/21/2002

For: SINGLE USER DETECTION BASE
STATION

Group: 2661

Examiner: Not Yet Known

Our File: I-2-0173.9US

Date: August 5, 2002

COPY OF PAPER
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AUG 13 2002

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

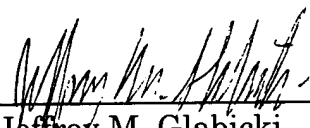
Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56,
Applicants wish to bring to the Examiner's attention the material cited on the enclosed
PTO-1449 form.

It is respectfully requested that the Examiner consider these documents and
return an initialed copy of the PTO-1449 form indicating his consideration of the cited
materials.

Respectfully submitted,

De et al.

By 
Jeffrey M. Glabicki
Registration No. 42,584
(215) 568-6400

Volpe and Koenig, P.C.
Suite 400, One Penn Center
1617 John F. Kennedy Boulevard
Philadelphia, PA 19103
JMG/jrd
Enclosures

FORM PTO-1449

ATTY. DOCKET NO.
I-2-0173.9US

SERIAL NO.
10/080,099

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

APPLICANT
De et al.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

FILING DATE
2/21/2002

**GROUP
2661**

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		YES	NO											

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AG	Benvenuto N. et al. "Joint Detection With Low Computational Complexity For Hybrid TD-CDMA Systems" VTC 1999-Fall. IEEE VTS 50th. Vehicular Technology Conference. Gateway to the 21st Century Communications Village. Amsterdam, Sept. 19-22, 1999, IEEE Vehicular Technology Conference, NY
AH	Vandaele P. et al. "Recursive Total Least Squares Algorithm for Single-User Blind Channel Equalisation: IEE Proceedings: Vision, Image and Signal Processing, Institution of Electrical Engineers, FB, Vol 147, No. 3, 23 June 2000



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ORIGINALLY FILED

2661

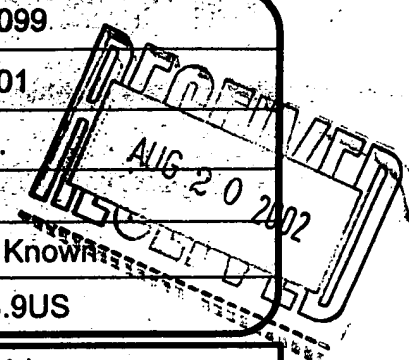
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PTO/S&P/21 (1-00)

Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/080,099	
	Filing Date	2/21/2001	
	First Named Inventor	De et al.	
	Group Art Unit	2661	
	Examiner Name	Not Yet Known	
Total Number of Pages in This Submission	6	Attorney Docket Number	I-2-0173.9US



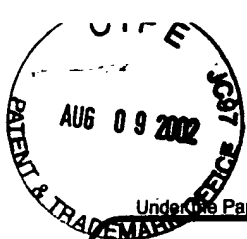
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		RECEIVED AUG 13 2002 Technology Center 2600

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Jeffrey M. Glabicki Volpe and Koenig, P.C.	Reg. No. 42,584
Signature		
Date	August 5, 2002	

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: August 5, 2002			
Typed or printed name	Jeffrey M. Glabicki		
Signature		Date	August 5, 2002

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Volpe and Koenig Revision of PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

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FEE TRANSMITTAL
for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)

0

Complete If Known

Application Number

10/080,099

Filing Date

2/21/2002

First Named Inventor

De et al.

Examiner Name

Not Yet Known

Group Art Unit

2661

Attorney Docket No.

I-2-0173.9US

METHOD OF PAYMENT

- 1.
- ☐
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number

22-0493

Deposit
Account
Name

VOLPE AND KOENIG, P.C.

- ☒
- Charge any Deficiencies or Credit any Overpayment in the Total Fees Associated With This Communication

- ☐
- Applicant claims small entity status.
-
- See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

- ☐
- Check
- ☐
- Credit card
- ☐
- Money Order
- ☐
- Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code Fee (\$) Fee Code Fee (\$) Fee Description

101	740	201	370	Utility filing fee
106	330	206	165	Design filing fee
107	510	207	255	Plant filing fee
108	740	208	370	Reissue filing fee
114	160	214	80	Provisional filing fee

Fee Paid

SUBTOTAL (1) (\$)

0

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	** =	X	=
Multiple Dependent	** =	X	=

Large Entity Small Entity

Fee Code Fee (\$) Fee Code Fee (\$) Fee Description

103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code Fee (\$)	Small Entity Fee Code Fee (\$)	Fee Description
105 130 205 65		Surcharge - late filing fee or oath
127 50 227 25		Surcharge - late provisional filing fee or cover sheet
139 130 139 130		Non-English specification
147 2,520 147 2,520		For filing a request for <i>ex parte</i> reexamination
112 920* 112 920*		Requesting publication of SIR prior to Examiner action
113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action
115 110 215 55		Extension for reply within first month
116 400 216 200		Extension for reply within second month
117 920 217 460		Extension for reply within third month
118 1,440 218 720		Extension for reply within fourth month
128 1,960 228 980		Extension for reply within fifth month
119 320 219 160		Notice of Appeal
120 320 220 160		Filing a brief in support of an appeal
121 280 221 140		Request for oral hearing
138 1,510 138 1,510		Petition to institute a public use proceeding
140 110 240 55		Petition to revive - unavoidable
141 1,280 241 640		Petition to revive - unintentional
142 1,280 242 640		Utility issue fee (or reissue)
143 460 243 230		Design issue fee
144 620 244 310		Plant issue fee
122 130 122 130		Petitions to the Commissioner
123 50 123 50		Processing fee under 37 CFR 1.17(q)
126 180 126 180		Submission of Information Disclosure Stmt
581 40 581 40		Recording each patent assignment per property (times number of properties)
146 740 246 370		Filing a submission after final rejection (37 CFR § 1.129(a))
149 740 249 370		For each additional invention to be examined (37 CFR § 1.129(b))
179 740 279 370		Request for Continued Examination (RCE)
169 900 169 900		Request for expedited examination of a design application

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

0

SUBMITTED BY

Name (Print/Type)

Jeffrey M. Glabicki

Registration No.
(Attorney/Agent)

42,584

Complete (if applicable)

Telephone

215-568-6400

Signature

Date

8/5/02

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